EXAMINER'S AMENDMENT

And

EXAMINER'S REASONS FOR ALLOWANCE

1.   Claims 22, 23, 25-28, 30, 31, 33-37, 39, 40, 42, 43, 45-47, 49-52, 54, 55, 57-61, 63, 64,

66, 67, 69-71, 73-76, 78, 79, 81-84, 86, 87 and 89-92 have been allowed.

Examiner's Amendment

2.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Penny A. Clarke, Registration Number 46,627 on 4/8/2008.

The application has been amended as follows:

Claim 70 has been changed to;

-- A system for performing baseline modeling of a process, comprising:

a memory;

a processor in communication with the memory;

a service database that contains data relating to the process;

a preprocessor for processing the data into a predetermined format, wherein the

preprocessor comprises a data scrubbing component that cleans the data; and

a baseline modeling component that builds a baseline model for an engine from the preprocessed data, wherein the baseline model relates process performance variables as a function of process operating conditions; and

a model diagnostics component that evaluates the performance of the baseline model. --.

Examiner's Reasons for Allowance

3.   The following is an examiner's statement of reasons for allowance:

Please see the reasons for allowance as set forth in the Office Action dated 5/21/2007.

Independent claims 22, 30, 36, 39, 40, 46, 54, 60, 63, 64, 70, 78 and 86 are allowable because, while Pettigrew teaches engine baseline modeling and Morrison teaches preprocessing of data while modeling, **none of these references taken alone or in combination with the prior art of record disclose,** scrubbing or cleaning the preprocessed data, specifically including:

(claim 22) "…wherein the preprocessing comprises cleaning the engine data",

(claim 30) "...wherein the preprocessing comprises cleaning the engine data",

(claim 36) "…wherein the preprocessing comprises generating rules for cleaning the preprocessed data…",

(claim 39) "…wherein the preprocessing comprises generating rules for cleaning the preprocessed data…",

(claim 40) "...wherein the preprocessing comprises cleaning the engine data",

(claim 46) "...wherein the preprocessing comprises cleaning the engine data",

(claim 54) "...wherein the preprocessing comprises cleaning the engine data",

(claim 60) "…wherein the preprocessing comprises generating rules for cleaning the preprocessed data…",

(claim 63) "...wherein the preprocessing comprises cleaning the engine data",

(claim 64) "...wherein the preprocessing comprises cleaning the engine data",

(claim 70) "…wherein the preprocessor comprises a data scrubbing component that cleans the data…",

(claim 78) "...wherein the preprocessing comprises cleaning the engine data",

(claim 86) "...wherein the preprocessing comprises cleaning the engine data",

in combination with the remaining elements and features of the claimed invention.

It is for these reasons that the Applicants' invention defines over the prior art of record.

3.1   Dependent claims 23, 25-28, 31, 33-35, 37, 42, 43, 45, 47, 49-52, 55, 57-59, 61, 66, 67, 69, 71, 73-76, 79, 81-84, 87 and 89-92 are allowed for at least the reason that they depend upon an allowed base claim.

3.2   Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to DWIN M. CRAIG whose telephone number is (571)272-3710. The examiner can normally be reached on 10:00 - 6:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Paul L. Rodriguez can be reached on (571) 272-3753. The fax phone number for the

organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent

Application Information Retrieval (PAIR) system. Status information for published applications

may be obtained from either Private PAIR or Public PAIR. Status information for unpublished

applications is available through Private PAIR only. For more information about the PAIR

system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR

system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

like assistance from a USPTO Customer Service Representative or access to the automated

information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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4/10/08